



CERTIFICATE OF COMPLIANCE

NRCC-ELC-E

This document is used to demonstrate compliance with mandatory requirements in [§130.5](#) for electrical systems in newly constructed nonresidential, high-rise residential and hotel/motel occupancies. Additions and alterations to electrical service systems in these occupancies will also use this document to demonstrate compliance per [§141.0\(a\)](#) or [§141.0\(b\)2P](#) for alterations.

Project Name:	Report Page:	Page # of ##
Project Address:	Date Prepared:	

A. GENERAL INFORMATION

01	Project Location (city)		02	Occupancy Types Within Project:	
<input type="checkbox"/>	Office	<input type="checkbox"/>	Retail	<input type="checkbox"/>	Warehouse
<input type="checkbox"/>	Hotel/ Motel	<input type="checkbox"/>	School	<input type="checkbox"/>	Support Areas
<input type="checkbox"/>	Parking Garage	<input type="checkbox"/>	High-Rise Residential	<input type="checkbox"/>	Relocatable
<input type="checkbox"/>	Healthcare Facilities	<input type="checkbox"/>	Other (Write In):		

B. PROJECT SCOPE

Table Instructions: Include any electrical service systems that are within the scope of the permit application.

01	02	03	04	05
Electrical Service Designation/ Description	Scope of Work	Rating (kVA)	Utility Provided Metering System Exception to §130.5(a) ¹	Demand Response Controls
				Where required, demand response controls must be specified which are capable of receiving and automatically responding to at least one standards based messaging protocol which enables demand response after receiving a demand response signal. Sections §120.2 , §130.1 and §130.3 and compliance documents NRCC-MCH, NRCC-LTI and NRCC-LTS will indicate when demand response controls are required.
	<input type="checkbox"/>		<input type="checkbox"/>	
				Add Row
				Remove Last

¹ FOOTNOTES: Adding only new feeders and branch circuits triggers Voltage Drop 130.5(c), no other requirements from 130.5 are required.

² Applicable if the utility company is providing a metering system that indicates instantaneous kW demand and kWh for a utility-defined period.

C. COMPLIANCE RESULTS

Table Instructions: If this table says "DOES NOT COMPLY" refer to Table D. for guidance and review the Table that indicates "No".

01	AND	02	AND	03	AND	04	05
Service Electrical Metering §130.5(a)		Separation for Monitoring §130.5(b)		Voltage Drop §130.5(c)		Controlled Receptacles §130.5(d)	Compliance Results
(See Table F)		(See Table G)		(See Table H)		(See Table I)	
	AND		AND		AND		

Electrical Power Distribution

NRCC-ELC-E (Created 01/20)

CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE**

NRCC-ELC-E

Project Name:

Report Page:

Page # of ##

Project Address:

Date Prepared:

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

Selections made in Table J have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

Selections made in Table K have been changed by the permit applicant. See Table E. Additional Remarks for permit applicant's explanation.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. SERVICE ELECTRICAL METERING

This Section Does Not Apply

F. SERVICE ELECTRICAL METERING

Table Instructions: Complete the table below for new or replacement electrical service systems OR equipment to demonstrate compliance with [§130.5\(a\)](#).

01	02	03				04	05	06	
Electrical Service Designation/ Description	Rating (kVA)	Required Metering Capabilities per Table 130.5-A				System subject to CA Electrical Code (Exception to §130.5(a))	Location of Requirements in Construction Documents	Field Inspector	
		Instantaneous Demand (kW)	Historical Peak Demand (kW)	Tracking kWh for user-defined period	kWh per rate period			Pass	Fail
		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING

This Section Does Not Apply

Electrical Power Distribution

NRCC-ELC-E (Created 01/20)

CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE**

NRCC-ELC-E

Project Name:

Report Page:

Page # of ##

Project Address:

Date Prepared:

G. SEPARATION OF ELECTRICAL CIRCUITS FOR ENERGY MONITORING

Table Instructions: Complete this table for entirely new or complete replacement electrical power distribution systems to demonstrate compliance with [§130.5\(b\)](#). Using the dropdown choices in column 01, indicate the load types included for each service. Any load types that are not included in the service do not need to be shown.

Electrical Service Designation/Description:
☐ System subject to CA Electrical Code (Exception to §130.5(b))

01	02	03	04	05	06	
Load Type per Table 130.5-B ¹	Minimum Required Separation of Load per Table 130.5-B	Compliance Method ²	System subject to CA Electrical Code (Exception to §130.5(a))	Location of Requirements in Construction Documents	Field Inspector	
					Pass	Fail
<div>▼</div>		<div>▼</div>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

** NOTES: If "Other*" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.*

Explain here why item with asterisk complies

Reset

Add Row

Remove Last

¹ FOOTNOTES: For each separate load type, up to 10% of the connected load may be of any type.

² Method 1: Switchboards/ motor control centers/ panelboard loads disaggregated for each load type

Method 2: Switchboards/ motor control centers/ panelboard supply other distribution equipment with loads disaggregated for each load type

Method 3: Complete metering system measures and reports loads by type

See [Chapter 8 of the Nonresidential Compliance Manual](#) for more detail on Compliance Methods.

H. VOLTAGE DROP

This Section Does Not Apply

H. VOLTAGE DROP

Table Instructions: Please complete this table for entirely new or complete replacement electrical power distribution systems, or alterations that add, modify or replace both feeders and branch circuits to demonstrate compliance with [§130.5\(c\)](#). For alterations, only the altered circuits must demonstrate compliance per [§141.0\(b\)2Piii](#).

01	02	03	04	05	
Electrical Service Designation/ Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method	Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
				Pass	Fail

Table Continued

Electrical Power Distribution

NRCC-ELC-E (Created 01/20)

CALIFORNIA ENERGY COMMISSION



CERTIFICATE OF COMPLIANCE		NRCC-ELC-E
Project Name:	Report Page:	Page # of ##
Project Address:	Date Prepared:	

01	02		03	04	05	
Electrical Service Designation/ Description	Combined Voltage Drop on Installed Feeder/Branch Circuit Conductors Compliance Method		Location of Voltage Drop Calculations ¹	Sheet Number for Voltage Drop Calculations in Construction Documents	Field Inspector	
					Pass	Fail
	<input type="checkbox"/> Voltage drop < 5%	Permitted by CA Elec Code (Exception to §130.5(c))* <input type="checkbox"/>	▼		<input type="checkbox"/>	<input type="checkbox"/>
<i>*NOTES If "Permitted by CA Elec Code*" is selected under Compliance Method above, please indicate where the exception applies in the space provided below.</i>						
Explain here why item with asterisk complies						

¹ FOOTNOTES: Voltage drop calculations may be attached to the permit application outside the construction documents if allowed by the Authority Having Jurisdiction. Select "attached" if applicable. If calculations will be the responsibility of the installing contractor, select "Contractor Responsible".

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES


This Section Does Not Apply

I. CIRCUIT CONTROLS FOR 120-VOLT RECEPTACLES AND CONTROLLED RECEPTACLES


Table Instructions: Please complete this table for entirely new or complete replacement electrical power distribution systems to demonstrate compliance with [§130.5\(d\)](#). Both controlled and uncontrolled receptacles must be provided in office areas, lobbies, conference rooms, kitchen areas in office spaces, copy rooms and hotel/motel guest rooms.

01	02	03	04	05	06	
Electrical Service Designation/ Description	Location/ Type of Controlled Receptacles	Shut-Off Controls	Permanent Durable Marking Will be Used	Location of Requirements in Construction Documents	Field Inspector	
					Pass	Fail
	▼	▼	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
				Add Row	Remove Last	
<i>* If "Other*" is selected under Compliance Method above, please indicate how compliance has been achieved in the space provided below.</i>						
Explain here why item with asterisk complies						

Electrical Power Distribution

NRCC-ELC-E (Created 01/20)

CALIFORNIA ENERGY COMMISSION

**CERTIFICATE OF COMPLIANCE**

NRCC-ELC-E

Project Name:

Report Page:

Page # of ##

Project Address:

Date Prepared:

J. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Table Instructions: Selections have been made based on information provided in previous tables of this document. If any selection needs to be changed, please explain why in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online at <http://www.energy.ca.gov/2015publications/CEC-400-2015-033/appendices/forms/NRCI>

YES	NO	Form/Title	Field Inspector	
			Pass	Fail
<input checked="" type="radio"/>	<input type="radio"/>	NRCI-ELC-01-E - Must be submitted for all buildings.	<input type="checkbox"/>	<input type="checkbox"/>

K. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no Certificates of Acceptance applicable to electrical power distribution requirements.


Electrical Power Distribution

NRCC-ELC-E (Created 06/18)

CALIFORNIA ENERGY COMMISSION



CERTIFICATE OF COMPLIANCE		NRCC-ELC-E
Project Name:	Report Page:	Page # of ##
Project Address:	Date Prepared:	

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT 	
Documentation Author Name:	Documentation Author Signature:
Company:	Signature Date:
Address:	CEA/ HERS Certification Identification (if applicable):
City/State/Zip:	Phone:
RESPONSIBLE PERSON'S DECLARATION STATEMENT I certify the following under penalty of perjury, under the laws of the State of California: 1. The information provided on this Certificate of Compliance is true and correct. 2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer) 3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations. 4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application. 5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.	
Responsible Designer Name:	Responsible Designer Signature:
Company :	Date Signed:
Address:	License:
City/State/Zip:	Phone: